



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Fluidic	2
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.90 - 11.00 mm
Size	3B
Suggested matching part	<a href="#">EGG.3B.028.CLL</a>
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgg-3b-028-clad11.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-3b-028-clad11.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Nb of contacts Fluidic	2
Insert configuration value	3B.028 - 2 Fluidic, 16 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Dia.	0.7
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	46.68 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

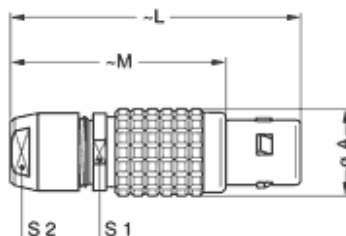
[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgg-3b-028-clad11.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-3b-028-clad11.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	9.90 - 11.00 mm

## Drawings



## Dimensions

	<b>L</b>	<b>A</b>	<b>M</b>	<b>S2</b>	<b>S1</b>
mm.	58	18	43	14	15
in.	2.28	0.71	1.69	0.55	0.59

## Recommended By Lemo

### Accessories

Compatible cap [BFG.3B.112.NAS](#)

### Tools

Spanner [DCP.91.023.TN](#)

Spanner wrench [DCD.3B.ZZZ.PA140](#)

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgg-3b-028-clad11.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-3b-028-clad11.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.